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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/602,437
Filing Date	June 24, 2003
First Named Inventor	Michael J. Duffy et al.
Group Art Unit	3726
Examiner Name	Eric B. Compton
Attorney Docket Number	TPL 0132 PUS

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		2002/0011505A1		Cole et al.	01-31-2002	
		6,554,357 B2		Moffa	04-29-2003	
		6,499,786 B2		Takahashi	12-31-2002	
		6,481,800 B2		Duncan	11-19-2002	
		6,354,648 B1		Allan et al.	03-12-2002	
		6,234,572 B1		Shiino et al.	05-22-2001	
		6,155,618		Ichinose	12-05-2000	
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		6,000,737		Yiu	12-14-1999	
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		4,981,313		Makamura	01-01-1991	
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		3,932,315		Yamananaka	10-14-1975	
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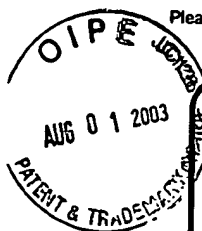
FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		AU	43390779		Girlock limited	05-26-1983		
		EP	0 694 436 A1		Lear Seating	01-31-1996		
		EP	1 197 378 A1		Daihatsu Motor	04-17-2002		
		EP	1 336 530 A2		DaimlerChrysler	02-10-2003		
		WO	03/070510 A1		Summo Steel Corp.	08-28-2003		

Examiner Signature	<i>Jean Compton</i>	Date Considered	2-16-05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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<div style="float: left; width: 150px; text-align: center;">Substitute for form 1449B/PTO</div> <div style="clear: both;"></div> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
Sheet <u>1</u> of <u>2</u>		Application Number <u>10/602,438</u>			
		Filing Date <u>Jun 23, 2003</u>			
		First Named Inventor <u>Goldstein</u>			
		Group Art Unit <u>2162</u>			
		Examiner Name <u>Jean H. Cornelius</u>			
		Attorney Docket Number <u>MS1-1467US</u>			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>JH</i>	<input checked="" type="checkbox"/>	KATAYAMA, NORIO; SATOH, SHIN'ICHI; "The SR-Tree: An Index Structure for High-Dimensional nearest Neighbor Queries" April 1997; ACM Arizona, USA; pages 369-380	
<i>JH</i>	<input checked="" type="checkbox"/>	GAEDE, VOLKER; GUNTHER, OLIVER; "Multidimensional Access Methods"; ACM Computing Surveys, Vol. 30, No. 2, June 1998; pages 170-231	
<i>JH</i>	<input checked="" type="checkbox"/>	GOLDSTEIN, JOHNATHAN; RAMAKRISHNAN, RAGHU; "Contrast Plots and P-Shere Trees: Space vs. Time in Nearest Neighbor Searches"; VLDB Conference, Cairo, Egypt, 2000; 12 pages	
<i>JH</i>	<input checked="" type="checkbox"/>	BERCHTOLD, STEFAN; KEIM, DANIEL A.; KRIEGEL, HANS-PETER; "The X-tree: An Index for High-Dimensional Data"; VLDB Conference, Mumbai, India, 1996; pages 28-39	
<i>JH</i>	<input checked="" type="checkbox"/>	HJALTASON, GISLI R.; SAMET, HANAN; "Ranking in Spatial Databases"; University of Maryland, pages 83-95	
<i>JH</i>	<input checked="" type="checkbox"/>	FUNKHOUSER, THOMAS; MIN, PATRICK; KAZHDAN, MICHAEL; CHEN, JOYCE; HALDERMAN, ALEX; DOBKIN, DAVID; JACOBS, DAVID; "A Search Engine for 3D Models"; ACM Transactions on Graphics, Vol V., No. N; 28 Pages; 2002	
<i>JH</i>	<input checked="" type="checkbox"/>	KRIEGEL, HANS-PETER; POTKE, MARCO; SEIDL, THOMAS; "Object-Relational Indexing for General Interval Relationships"; 21 pages; Germany, 2001	
<i>JH</i>	<input checked="" type="checkbox"/>	KAMEL, IBRAHIM; FALOUTSOS, CHRISTOS; "Hilbert R-tree: An Improved R-tree Using Fractals"; VLDB Conference; Pages 500 - 509; Santiago, Chile; 1994	
<i>JH</i>	<input checked="" type="checkbox"/>	HELLERSTEIN, JOSEPH M.; NAUGHTON, JEFFREY F.; PFEIFFER, AVI; "Generalized Search Trees for Database Systems"; VLDB Conference; Pages 562 - 573; Zurich, Switzerland; 1995	
<i>JH</i>	<input checked="" type="checkbox"/>	O'NEIL, PATRICK; QUASS, DALLAN; "Improved Query Performance with Variant Indexes"; SIGMOD 1997; Pages 38 - 49; Arizona	
<i>JH</i>	<input checked="" type="checkbox"/>	GUTTMAN, ANTONIN; "R-trees: A Dynamic Index Structure for Spatial Searching" ACM; Pages 47-57; 1984	

Examiner Signature	<i>Jean Cornelius</i>	Date Considered	<u>2-16-05</u>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/602,438
				Filing Date	Jun 23, 2003
				First Named Inventor	Goldstein
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				Examiner Name	Jean H. Cornelius
Sheet	2	of	2	Attorney Docket Number	MB1-1467US

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Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JH	✓	WEBER, ROGER; SCHEK, HANS-J; BLOTT, STEPHEN; "A Quantitative Analysis and Performance Study for Similarity-Search Methods in High-Dimensional Spaces"; VLDB Conference; Pages 194-205; 1998; New York, USA	
JH	✓	BURGESS, CHRISTOPHER J.C.; PLATT, JOHN C.; JANA, SOUMYA; "Extracting Noise-Robust Features from Audio Data" IEEE; Pages 1-1021 to 1-1024; 2002	
JH	✓	BEYER, KEVIN; GOLDSTEIN, JOHNATHAN; RAMAKRISHNAN, RAGHU; SHAFT, URI; "When is 'Nearest Neighbor' Meaningful?"; 19 Pages; Madison, Wisconsin, USA	
JH	✓	RUI, YONG; HUANG, THOMAS S.; and CHANG, SHIH-FU; "Image Retrieval: current Techniques, Promising Directions and Open Issues" Journal of Visual Communications and Image Representation, Vol. 10, No. 4, 1999; 17 pages	
JH	✓	PAGEL, BERND-UWE; KORN, FLIP; and FALOUTSOS, CHRISTOS; "Deflating the Dimensionality Curse Using Multiple Fractal Dimensions"; pages 1-10, ICDE 2000	
JH	✓	H. EDELSBRUNNER; MAURER, H.A.; "On the Intersection of Orthogonal Objects"; Information Processing Letters, v13, n4 & 5; North Holland, August, 1981; pages 177-181	
JH	✓	BROMLEY, J.; BENTZ, J.W.; BOTTOU, L.; GUYON, I.; LECUN, Y.; MOORE, C.; SACKINGER, E.; SHAH, R.; "Signature Verification Using a 'Siamese' Time Delay Neural Network"; Advances in Neural Processing Systems, v6; 1994; pgs 25-44	
JH	✓	O'NEIL, PATRICK; "Model 204 Architecture and Performance"; High Performance Transaction Systems Workshop; September 1987; pages 40-59	

Examiner Signature <i>Jean H. Cornelius</i>	Date Considered 2-16-05
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